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M Veit, S Herrmann - Proceedings of the 2nd international conference on Aspect- ..., 2003 - portal.acm.org

... the sense pro- posed by the paradigm of **MVC**. ... The communication channels between model

and view are replaced ... complexity with the help of **GUI- builders** and code ...

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R Hartley - Linux Journal, 2000 - portal.acm.org

... us to make use of the Model View Controller (**MVC**) concept. ... 3. Sample **GUI** as it can appear in the **builder**. ... of (instead of derived from) collections of **GUI** widgets ...

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... non-trivial code based on an underlying model-view-controller (**MVC**) architecture[

I3 ... a purpose-built graphical user interface (**GUI**) **builder** based on ...

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I Darwin - Linux Journal, 1999 - portal.acm.org

... composition of programs out of reusable components in **GUI builders**. ... to begin writing portable Java-based **GUI** applications ... with a paradigm known as **MVC**, or Model ...

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M Potel - ... :< ftp://www6. software. ibm. com/software/developer/library ..., 1996 - cs.uml.edu

... will work with a graphical user interface **builder** to compose ... have the classic 3-tier application: thin **GUI** client, mid ... cs.uiuc.edu/users/smarch/st-docs/mvc.html ...

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[Handling Multiple Domain Objects with Model-View-Controller - all 8 versions](#)

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MJ Mahemoff, LJ Johnston - Technology of Object-Oriented Languages and Systems, 1999 - doi.ieeecomputersociety.org

... more sophisticated successors [4]. Visual user- interface **builders** have sped up **GUI** generation in ... Thus, the challenge for **MVC** component developers is to ...

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 ... model-view-controller (MVC) architecture[13]. One possible approach would be to construct a purpose-built graphical user interface (GUI) **builder** based on the ...

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[Data Mappings in the Model-View-Controller Pattern - all 6 versions »](#)

M Rammerstorfer, H Mössenböck - LECTURE NOTES IN COMPUTER SCIENCE, 2003 - Springer

... **GUI** elements do not implement the MVC pattern properly ... this variable is generated by the **builder** and cannot ... Other **GUI builders** allow glue code to be inserted ...

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... it, and then using the **GUI** interface to view it allows us to make use of the Model View Controller (MVC) concept. ... BX is a true WYSIWYG **GUI builder**. ...

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LH Hauw, Z Canela, F Voyer - DSOM97, October, 1997 - [cit.uws.edu.au](#)

... the MVC paradigm (Model-View-Controller) that clearly separates between the data to manage, the views and the way to control the data. The RAD **GUI builder** ...

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[A GUI software design model and its runtime architecture fordigital AV applications](#)

S Haruna, N Sanada, H Kinoh, K Sumiya, K Taki - ... Engineering, 2000. Proceedings. International Symposium on, 2000 - [ieeexplore.ieee.org](#)

... constructed by an existing tool (Borland C++**Builder** on Windows95 ... Amulet[6] is a famous

GUI design system, however ... The concept of the MVC model separating M (Model ...

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[Designing more deeper: integrating task analysis, process simulation, & object definition](#)

KA Butler, C Exposito, D Klawitter - Proceedings of the conference on Designing interactive ..., 1997 - portal.acm.org

... the model-view-controller (**MVC**) paradigm for programming ... Figure 1: **MVC** Programming

by Visually Assembling BOCS ... team is using a visual **GUI builder** to create a ...

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... Most prominently, the model-view- controller paradigm [8] (MVC for short ... **GUI-builders** are tools, which support the in- teractive assembly of user ...

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R Griffiths, M Woodman, S Holland, M Macgregor, H ... - Technology of Object-Oriented Languages and Systems, 1999. ..., 1999 - ieeexplore.ieee.org

... want students merely to learn to use a **GUI builder**. ... we devised a simplified version of MVC which we ... that allows beginners to easily create **GUI** applications by ...

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... want students merely to learn to use a **GUI builder**. ... we devised a simplified version of MVC, which we ... that allows beginners to easily create **GUI** applications by ...

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M Woodman, R Griffiths, M Macgregor, S Holland, H ... - Software Engineering, 1999. Proceedings of the 1999 ..., 1999 - ieeexplore.ieee.org

... Taking a systems view has made the course fundamentally ... by developing a simpler version

of MVC [4] called ... we have designed a simple **GUI builder** which avoids ...

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[Can XForm transform the Web? Transcending the Web as GUI. II - all 4 versions »](#)

R Khare - Internet Computing, IEEE, 2000 - ieeexplore.ieee.org
... of **GUI** interactors but also, in conjunction ... using the Model-View- Controller (MVC)
pattern leveraged ... of interface design, that assist system **builders** in the ...
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[\[PDF\] A Direct Manipulation Toolkit for Awareness Support in Groupware - all 4 versions »](#)

S Saskatoon - 2003 - mamet.usask.ca
... 81 Figure 5.2: A GScrollPane with **View Rectangles Enabled** ... A **builder** allows a
developer
to drag and drop ... **GUI** designer and modify the design-time properties of ...
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[\[PDF\] UIML: A Device-Independent User Interface Markup Language - all 4 versions »](#)

C Phanouriou - 2000 - scholar.lib.vt.edu
... Figure 4-5 The Model-View-Controller Architecture _____ 52 ... Several
GUI builder tools have been developed to relieve ...
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[Structuring Interactive Systems Specifications for Executability and Prototypability - all 2 versions »](#)

D Navarre, P Palanque, R Bastide, O Sy - 7th Eurographics workshop on Design,
Specification and ..., 2000 - Springer
... For this paper we decide to address the classification of **GUI** through the kind of
manipulation that can be performed on ... **View Controller MVC Schema** ...
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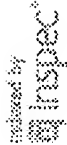
IEEE STD IEEE Standard

1. Web-application development using the Model/View/Controller design pattern

Leff, A.; Rayfield, J.T.;
Enterprise Distributed Object Computing Conference, 2001. EDOC '01. Proceedings. Fifth IEEE International
4-7 Sept. 2001 Page(s):118 - 127
Abstract:

The Model/View/Controller design pattern is very useful for architecting interactive software systems. This design pattern is partition-independent, because it is expressed in terms of an interactive application running in a single address space. Applying the Model/View/Controller design pattern to web-applications is therefore complicated by the fact that current technologies encourage developers to partition the application as early as in the design phase. Subsequent changes to that partitioning require considerable changes to the application's implementation-despite the fact that the application logic has not changed. This paper introduces the concept of Flexible Web-Application Partitioning, a programming model and implementation infrastructure, that allows developers to apply the Model/View/Controller design pattern in a partition-independent manner Applications are developed and tested in a single address-space; they can then be deployed to various client/server architectures without changing the application's source code. In addition, partitioning decisions can be changed without modifying the application

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D Roberts, R Johnson... - Pattern Languages of Program Design, 1998 - icmc.usp.br
... The first step in creating a **component library** for MVC, which took ... Pluggable views provided a way to adapt a controller and view pair to the interface of a ...

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RE Johnson - ACM SIGSOFT Software Engineering Notes, 1997 - portal.acm.org
... decides what is plugged into it and makes new **components** that are ... Smalltalk-80 user interface frame- work called Model/View/Controller (MVC) [KP88]. ...

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PP da Silva, T Griffiths, NW Paton - Proceedings of the working conference on Advanced visual ..., 2000 - portal.acm.org

... The Model- View-Controller (MVC) pattern is used to organize the user inter- face **components**. A specialized class **library** coded in Java and using the MVC ...

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M Roman, C Hess, R Cerqueira, A Ranganathan, RH ... - Pervasive Computing, IEEE, 2002 - ieeexplore.ieee.org

... A distributed **component**-based infra- structure, which reuses the application partitioning proposed by the traditional Model-View-Controller (MVC) 11 and ...

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[Web-Application Development Using the Model/View/Controller Design Pattern](#) - all 5 versions »

A Leff, JT Rayfield - Enterprise Distributed Object Computing Conference, 2001 - doi.ieeecs.org

... dual-mvc (or dmvc ... 3.2.1. View Specification and Generation ... Our approach differs only

in that we use a Java API to specify a **library** of GUI **components** and to ...

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[Satisfying the graphical requirements of visual languages in theDV-Centro Framework](#) - all 5 versions »

PC Brown - Visual Languages, 1997. Proceedings. 1997 IEEE Symposium on, 1997 - ieeexplore.ieee.org

... Model-View-Controller (MVC) framework [BMRSS96 ... and the MFC Document-View Architecture

[Ms96 ... of characterizing the relationships between architectural **components**. ...

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J Turner, K Bedell - 2003 - javashelf.com
... with a discussion of Struts and its Model-View-Controller (MVC) architecture ...
non-trivial sample application - covering all the Struts **components** in a ...
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Y Yamamoto, K Nakakoji, A Aoki - International Conference on Future Software Technology,
2001 - kid.rcast.u-tokyo.ac.jp
... to a pure object-oriented MVC (Model-View ... that an analyst can easily view multiple
movies ... ARTWARE **COMPONENT LIBRARY** This section gives detailed description of ...
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... data which are stored in the MVC model including ... The Visual **Component** class
provides
functions of presentation and interactivity through **View** and **Controller** ...
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C Cavaness, B Keeton - 2003 - oreilly.com
... 136 The "M" in MVC 136 B—Types of Models ... 174 B—Using JavaBeans Within the
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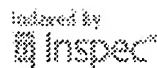
1. Handling multiple domain objects with Model-View-Controller

Mahemoff, M.J.; Johnston, L.J.;

Technology of Object-Oriented Languages and Systems, 1999. TOOLS 32. Proceeding 22-25 Nov. 1999 Page(s):28 - 39

Abstract:

The Model-View-Controller (MVC) architecture style separates software into models representing functionality, views which display the models to the user, and controllers which let the user interact with the models. Although more sophisticated architectures have since been developed, MVC is still widely used because its simplicity makes it more acceptable to practitioners and it is beginning to become well-known in industry. However, MVC is rarely studied with regard to systems containing multiple domain models. Several issues are either ambiguous or missing in the literature. The design of the views and controllers, the way model states are updated in a multiple-model architecture, and the creation of reusable domain-specific components. A program was developed to investigate these issues and this paper documents the corresponding design decisions. MVC proved helpful in the design of a multiple-model system with reusable components, although some weaknesses remain.

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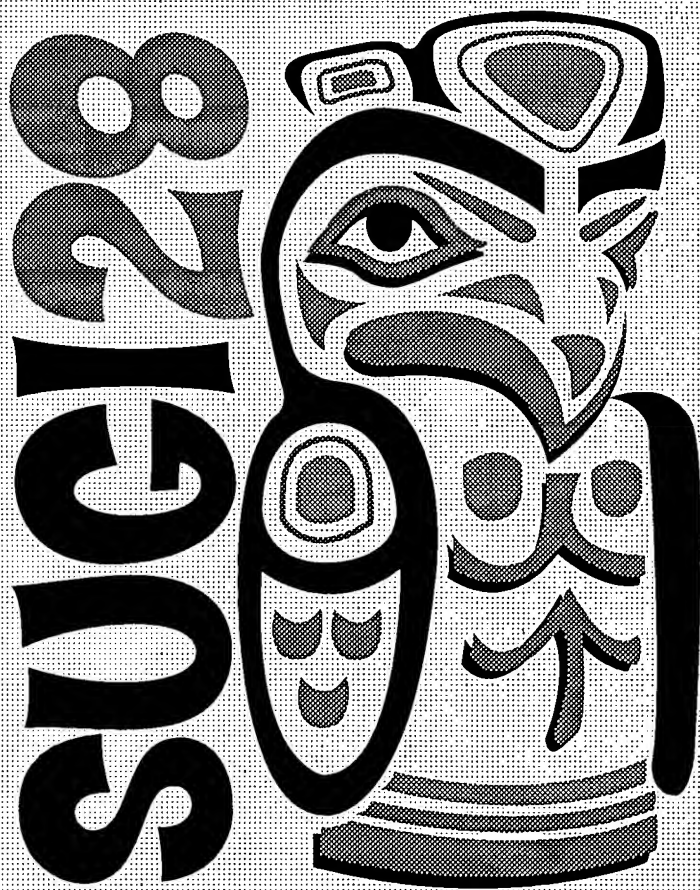
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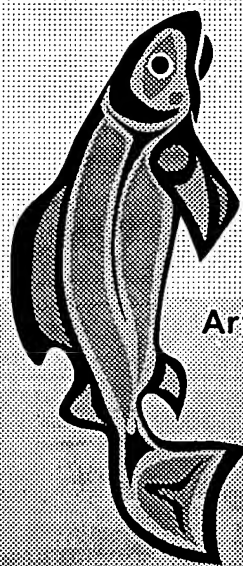
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